***Navicula metareichardtiana* Lange-Bertalot & Kusber, a new name for *Navicula reichardtiana* Lange-Bertalot, *nom. illeg.* (*Naviculaceae*, Bacillariophyta)**

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Navicula reichardtiana Lange-Bertalot was described in 1989 (Lange-Bertalot & Krammer 1989) and was subsequently accepted in a large number of monographs and floras (e.g., Hofmann *et al.* 2013, 2018, Krammer & Lange-Bertalot 1991, Lange-Bertalot 2001, Lange-Bertalot *et al.* 2017) as well as in Guiry (2019).

The species is typically found in eutrophic, more or less electrolyte-rich freshwater habitats up to a β-α-mesosaprobic level (Hofmann *et al.* 2013, Lange-Bertalot *et al.* 2017). In Germany, the species (German Code DV-Nr. 6221) occurs frequently in both running and stagnant waters (Hofmann *et al.* 2013, 2018).

Two infraspecific taxa have been described within *Navicula reichardtiana* Lange-Bertalot, namely *Navicula reichardtiana* var. *crassa* Lange-Bertalot & G.Hofmann (in Lange-Bertalot 1993), which has been given a new name at the species rank as *Navicula associata* Lange-Bertalot (Lange-Bertalot 2001), and *Navicula reichardtiana* var. *baicalensis* Rodionova & Pomazkina (in Pomazkina *et al.* 2019, 'reinchardtiana') from Lake Baikal in Russia.

Unfortunately, the name *Navicula reichardtiana* (Grunow) Migula had already been validly published 1906 by Migula (in Migula 1905-1907) for a naviculoid diatom, based on *Schizostauron reichardtianum* Grunow (Grunow 1867), a marine species named for Dr. [H.W.] Reichardt (1835-1885) who provided the material from isles of the Kvarner Gulf, Croatia. This name with uncertain generic affiliation renders Lange-Bertalot's name a later homonym. We here replace the illegitimate name by a replacement name.

Navicula metareichardtiana Lange-Bertalot & Kusber, *nom. nov.* http://phycobank.org/101865
≡ *Navicula reichardtiana* Lange-Bertalot in Lange-Bertalot & Krammer, *Biblioth. Diatomol*. 18: 163, fig. 98: 19-27, 1989, *nom. illeg.* (Turland *et al.* 2018: Art. 53.1), *non Navicula reichardtiana* (Grunow) Migula, *Krypt.-Fl. Deutschland., Alg*. 271. 1906.
Holotype: **FR** Kru 15 (ex coll. Lange-Bertalot, Botanisches Institut Universität Frankfurt am Main) represented by fig. 98: 19-21 in Lange-Bertalot & Krammer (1989).
Etymology: The epithet refers to our colleague Erwin Reichardt, Treuchtlingen; "*meta*" refers to the later described [*Navicula*] *reichardtiana*.

The taxonomic status of *Navicula reichardtiana* var. *baicalensis* Rodionova & Pomazkina requires further investigation.

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